

STANDARD FORM NO. 64

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Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 29 July 1960

FROM : [REDACTED]

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SUBJECT: (Trip Report -- [REDACTED]
RD-76, Task Order 1)

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1. On 20 July a visit was made to the [REDACTED]
[REDACTED] to monitor progress on the subject task. Those present were:

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2. The subject task provides for the fabrication of fifteen IN-7 time event markers (TEM) and the development of one ruggedized IN-7 prototype (TEM-A). Initial development of the IN-7 was accomplished under RD-76, T.O. C. The TEM and the TEM-A are miniature time code generators controlled by the watch movement. In the TEM the watch is driven by a manual wind spring which when fully wound will provide operation for a 60-day period; in the TEM-A the watch is driven by an electrically operated solenoid which pulses the watch winding mechanism once per minute. In this manner operation of the unit will continue for a period determined by the life of the external battery source. When TEM or TEM-A is electrically interrogated, a series of pulses is presented at the output terminal. This is a binary coded time group representing the number of elapsed minutes from the time of activation. The TEM and TEM-A will be used with ELINT systems to denote the time that sample signals are recorded.

3. The ruggedized time event marker failed during acceptance tests and had to be returned to the contractor for further work. During this visit the contractor tried to determine the cause for failure in this unit. Preliminary indications are that either the watch module or the watch solenoid winding mechanism failed. The contractor was requested to determine the cause for failure and recommend what corrective action should be taken. Funds have been completely expended on this task and the contractor was instructed by the writer that once it has been determined what has to be done a proposal should be submitted for a time extension and additional funding to complete this task. In addition to the re-work, the contractor was requested to provide facilities for Agency evaluation of the unit. OC-SPS/EA will provide a man to monitor this evaluation.

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